

# TrkA Rabbit pAb

Catalog No.: A2098

2 Publications

## Basic Information

**Observed MW**

120kDa

**Calculated MW**

87kDa

**Category**

Primary antibody

**Applications**

WB,IHC-P,(ELISA)

**Cross-Reactivity**

Human, Mouse, Rat

## Background

This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, cognitive disability and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.

## Recommended Dilutions

**WB** 1:500 - 1:1000**IHC-P** 1:50 - 1:200**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

4914

**Swiss Prot**

P04629

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human TrkA (NP\_002520.2).

**Synonyms**

MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA; TrkA

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

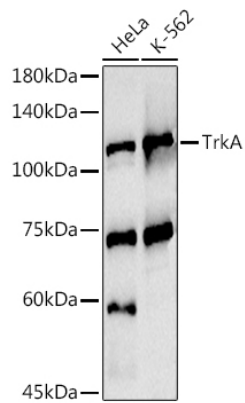
Affinity purification

**Storage**

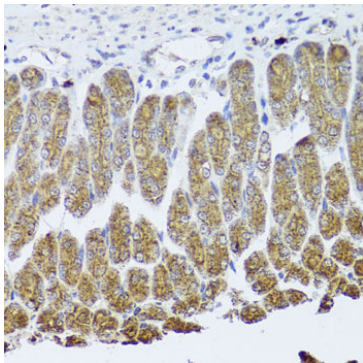
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

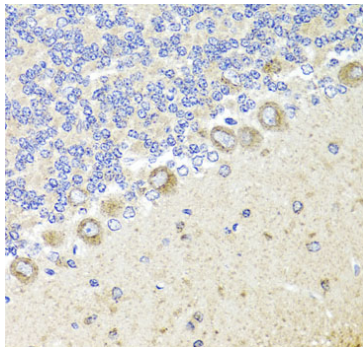
## Validation Data



Western blot analysis of various lysates using TrkA Rabbit pAb (A2098) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Mouse stomach using TrkA Rabbit pAb (A2098) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat cerebellum using TrkA Rabbit pAb (A2098) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.